

Title (en)  
Sensor

Title (de)  
Sensor

Title (fr)  
Capteur

Publication  
**EP 2653530 A2 20131023 (EN)**

Application  
**EP 13173138 A 20090626**

Priority  
• JP 2008178980 A 20080709  
• JP 2009005804 A 20090114  
• EP 09794143 A 20090626

Abstract (en)  
A sequencer that measures a nucleic acid sequence in a nucleic acid strand includes: a base material having a surface made of silicon; and a fibrous protrusion that is made of silicon dioxide and is directly joined to the surface of the base material made of silicon, wherein a plurality of the nucleic acid strands are fixed onto the fibrous protrusion.

IPC 8 full level  
**C12M 1/00** (2006.01); **B01J 19/00** (2006.01); **B81C 1/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01N 21/64** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP US)  
**B01J 19/0046** (2013.01 - EP US); **C12Q 1/6825** (2013.01 - EP US); **C12Q 1/6837** (2013.01 - EP US); **C12Q 1/6874** (2013.01 - EP US); **C12Q 1/6876** (2013.01 - US); **B01J 2219/00432** (2013.01 - EP US); **B01J 2219/00509** (2013.01 - EP US); **B01J 2219/00529** (2013.01 - EP US); **B01J 2219/00585** (2013.01 - EP US); **B01J 2219/00596** (2013.01 - EP US); **B01J 2219/00608** (2013.01 - EP US); **B01J 2219/00612** (2013.01 - EP US); **B01J 2219/00635** (2013.01 - EP US); **B01J 2219/00637** (2013.01 - EP US); **B01J 2219/00644** (2013.01 - EP US); **B01J 2219/00659** (2013.01 - EP US); **B01J 2219/00722** (2013.01 - EP US)

Citation (applicant)  
• JP H04505763 A 19921008  
• JP 2007285927 A 20071101 - TORAY INDUSTRIES  
• JP 2002525125 A 20020813

Cited by  
US9846125B2; US9987609B2; WO2015123457A1; US9512000B2; US9913603B2; US9993185B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 09794143 A 20090626**; EP 13173138 A 20090626; JP 2009002949 W 20090626; JP 2009156945 A 20090701; US 200913002691 A 20090626; US 201313928888 A 20130627